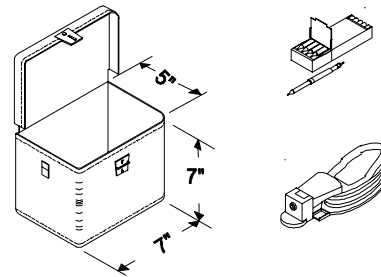


## SECTION D

### DETECTOR KIT - GAS TOXIC "DRAEGER" - MOD 400

**NSN 6665-00-710-7815**

**WT.** 3.0 lbs.      **VOL.** 253.8 in<sup>3</sup>



**DESCRIPTION:** The two essential components of the Draeger Kit are the gas detector bellow pump and the associated tubes. The pump and the particular tube together form a complete unit. The bellow pump simultaneously sucks in and measures the gas volume.

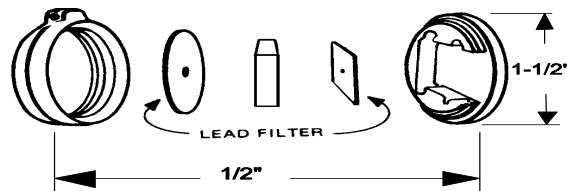
**USE:** Used to check/test compartments, tanks, and voids for the following toxic gases: Carbon dioxide, carbon monoxide, ethylene oxide, hydrocarbons, hydrocyanic acid, hydrogen chloride, hydrogen fluoride, hydrogen sulphide, nitrogen dioxide, phosgene and vinyl chloride. It can be operated with one hand and sucks in 100 CM<sup>3</sup> per stroke. The gas detector tubes contain a chemical which is designed to measure atmospheric concentrations of various gases. Measurements are made by breaking the tips of the glass tube and inserting them into the detector tube pump. The pump draws in a measured sample of gas into the tube. The chemical agent in the tube reacts with the atmospheric gas to be monitored and changes in color, which is shown on a scale.

**USE TIP:** Tubes should be discarded after being read. See AEL 2-870004169 for list of tubes required.

**REF:** Gas Free Engineer Kit.

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**DETECTOR - RADIAC**  
DT-60  
CASUALTY PERSONNEL DOSIMETER  
RANGE 25R TO 600R OR 10R TO 600R  
DEPENDING ON MODEL



**NSN 6665-00-526-7836**

(BOX OF 30)

**WT.** 1.9 lbs.      **VOL.** 179.2 in<sup>3</sup>

**DESCRIPTION:** Non self-reading personnel dosimeter.

**USE:** Used to record accumulative dosage of gamma radiation.

**USE TIP:** ; The D-60 is inserted into the CP95 to be read. There is a seven digit serial number affixed to back plate for accountability.

**REF:** CBR Personnel CP Equipment Kit.

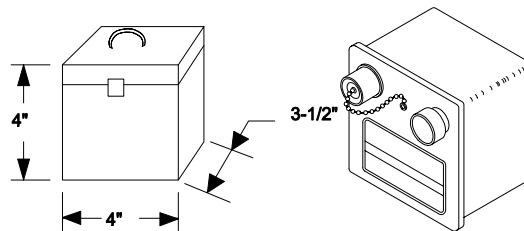
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## DOSIMETER CHARGER -

PP-4276/PD

**NSN 6665-00-489-3106RE**

**WT.** 13.5 oz      **VOL.** 56.0 in<sup>3</sup>



**DESCRIPTION:** Radiation monitoring equipment charger.

**USE:** Used to charge or reset the pocket dosimeter IM143-PD to zero.

**USE TIP:** See AEL 2-770004200 series for ship class applicability and additional CBR equipment quantities.

**REF:** CBR Detection Equipment Kit.

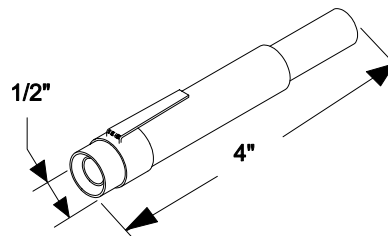
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## DOSIMETER - HIGH RANGE

IM-143/PD

**NSN 6665-00-764-6395RE**

**WT.** 2.0 oz      **VOL.** 4.0 in<sup>3</sup>



**DESCRIPTION:** Self-reading personnel dosimeter.  
Range 0-600 Roentgens.

**USE:** Used to read accumulative exposure to gamma radiation.

**USE TIP:** See AEL 2-770004200 series for ship class applicability and additional CBR equipment quantities.

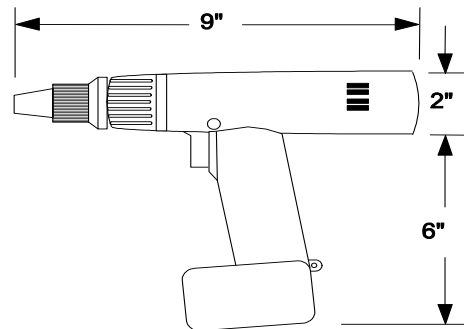
**REF:** CBR Detection Equipment Kit.

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**DRILL, ELECTRIC, PORTABLE**

**NSN 5130-01-284-3063**

**WT.** 3.0 lbs      **VOL.** 100.0 in<sup>3</sup>



**DESCRIPTION:** Cordless drill/screwdriver. Reversible, high torque, 12volt, 800 RPM with removable battery pack

**USE:** Used in DC emergencies and GRP repair. Used to drill pilot holes and drive lag bolts.

**USE TIP:** For MHC Class ships.

**REF:** Shoring Supplement/GRP Repair Kit.

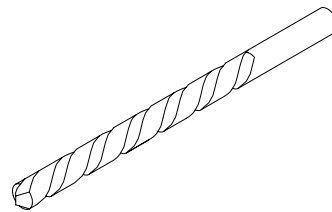
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**DRILL TWIST BIT -**

**NSN 5133-00-227-9650**      1/8"  
**NSN 5133-00-227-9654**      3/16"  
**NSN 5133-00-227-9658**      1/4"  
**NSN 5133-00-227-9666**      3/8"  
**NSN 5133-00-227-9672**      1/2"

(1 DOZ EA SIZE PER SET)

**WT.** 10.0 lbs.      **VOL.** 120.0 in<sup>3</sup>



**DESCRIPTION:** Drill bit made of high speed steel available in diameters ( size) listed above.

**USE:** Used with 1/2 inch electric drill motor in DC emergencies for drilling holes into ferrous and nonferrous material.

**USE TIP:** Keep bit lubricated when drilling in hard materials such as steel and aluminum.

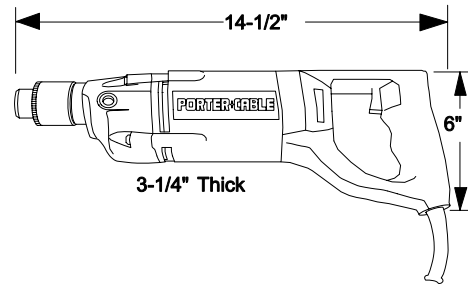
**REF:** Repair Locker Tool Kit.

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**DRILL - ELECTRIC PORTABLE**  
1/2"

**NSN 5130-00-293-1849**

**WT.** 6.6 lbs      **VOL.** 282.8 in<sup>3</sup>



**DESCRIPTION:** Electric hand drill with a "D"

Type handle for high torque jobs. Comes with a chuck that accepts bits up to 1/2" in diameter.

**USE:** Used in DC emergencies on waterless systems and above the ship's waterline. Can be used to drill holes at the end of cracks in hull/superstructure and bulkheads to help prevent cracks from extending in metal plate.

**USE TIP:** Do not use while standing in water or in areas where water is likely to spray on the drill.

**REF:** Repair Locker Tool Kit.

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**DUCT - MANHOLE/SCUTTLE**  
SADDLE VENT

**NSN 4240-01-414-3530**

**WT.** 8.0 lbs      **VOL.** 3,418.5 in<sup>3</sup>

**DESCRIPTION:** Metal duct section that accepts an 8 inch diameter flexible hose at each end.

**USE:** Used to provide ventilation to a space or void and still permit access and from the manhole or scuttle. A hatch bolt is used to secure vent saddle.

**USE TIP:** One per DCRS. Stow with desmoking equipment.

**REF:** NDI Equipment

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